

REMARKS

Reconsideration of this application is respectfully requested in view of the following remarks.

Summary of the Response

Claims 1-8 are pending in this application and subject to examination.

In the Office action mailed August 9, 2005, claims 1-2 and 5 were rejected under 35 U.S.C. § 102(b) as being anticipated by Takizawa (U.S. Patent No. 6,339,234, hereinafter "Takizawa"). Claims 3 and 4-8 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Takizawa in view of the AAPA (FIGs 3-4). To the extent these rejections remain applicable to the claims currently pending, the Applicants hereby traverse the rejections, as follows.

Claim 1 Recites Patentable Subject Matter

The Applicants respectfully submit that nothing in the cited prior art discloses or suggests at least the features of the present invention of **"a second power line from which a part corresponding to a position of said bypass capacitor is removed"** and **"a contact** for connecting said first power line and said second power line," as recited in claim 1. (Emphasis added).

An object of the present invention is to effectively eliminate noise traveling on a power line (second power line) of the same polarity as a first power line in a multilayer wiring structure. To achieve this object, the present invention uses the claimed "second power line from which a part corresponding to a position of said bypass capacitor is removed" so as to make the noise to naturally travel to the first power line via the

claimed “contacts,” and to be eliminated by the bypass capacitor. If the part corresponding to the position of the bypass capacitor is **not** removed from the second power line, the noise on the second power line cannot easily travel to the first power line due to the impedance of the contacts, resulting in the noise remaining on the second power line and thereby not being eliminated by the bypass capacitor.

The object of Takizawa, by contrast, is to reduce the amount of surge noise leaking between VDD and GND. According to the Examiner, reference numeral 6 (or the GND line) of Takizawa corresponds to the claimed “second power line.” Furthermore, according to the Examiner, reference numeral 7b (parasitic capacitor) of Takizawa corresponds to the claimed “bypass capacitor.” The Applicants respectfully submit that nothing in Takizawa discloses or suggests that part of GND line 6, corresponding to “a position of” parasitic capacitor 7b “is removed,” as recited in claim 1 of the present invention.

In addition, in the present invention, the noise appearing on the second power line travels to the first power line via the claimed “contacts,” and is thereafter effectively eliminated by the claimed “bypass capacitor.” By contrast, in Takizawa, the amount of leaking surge noise is reduced by changing the connecting points of an internal circuit and an input/output circuit to electrodes and a loop wire with power wires. The Applicants respectfully submit that Takizawa fails to disclose or suggest the “contact for connecting said first power line and said second power line,” as recited in claim 1 of the present invention.

For at least these reasons, the Applicants submit that claim 1 is allowable over the cited prior art.

Claims 2-8 Recite Patentable Subject Matter

As claim 1, is allowable, the Applicants submit that claims 2-8, each of which depends from allowable claim 1, are likewise allowable over the cited prior art.

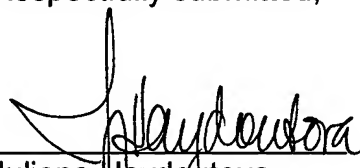
Conclusion

For all of the above reasons, it is respectfully submitted that the claims now pending patentably distinguish the present invention from the cited references. Accordingly, reconsideration and withdrawal of the outstanding rejections and an issuance of a Notice of Allowance are earnestly solicited.

Should the Examiner determine that any further action is necessary to place this application into better form, the Examiner is encouraged to telephone the undersigned representative at the number listed below.

In the event this paper is not considered to be timely filed, the Applicant hereby petitions for an appropriate extension of time. The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment associated with this communication to Deposit Account No. 01-2300, referring to client-matter number 107337-00058.

Respectfully submitted,



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Enclosure: Petition for Extension of Time (one month)